

Hydrogenation catalyst and preparation thereof

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Abstract

A catalyst for hydrogenating petroleum hydrocarbons (such as hydrocracking and hydrorefining, for example, removing sulfur, nitrogen and metals) is prepared from high-concentration and high-stability solution (containing at least one element in VIB family, such as Mo or W, one element in VIII family, such as Ni or Co, and one inorganic acid, such as H_2PO_4) and pseudo-boehmite through mixing, kneading, extruding out to obtain bars, drying at 110-130 deg.C and three-stage constant-temp calcine. Said catalyst has high activity.

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